

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

HAILS, J. et al.

Atty. Ref.: 124-933

Serial No. unknown

Group:

Filed: March 14, 2002

Examiner:

For: NEW METHODS OF FABRICATING DEVICES AND
SEMICONDUCTOR LAYERS COMPRISING CADMIUM
MERCURY TELLURIDE, MERCURY TELLURIDE, AND
CADMIUM TELLURIDE

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March 14, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

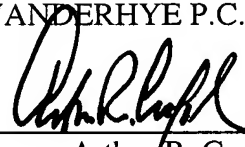
As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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APPLICANT

HAILS, J. et al.

(Use several sheets if necessary)

FILING DATE

GROUP

March 14, 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,124,481 A	06/1992	HIGA ET AL.			
	4,804,638 A	02/1989	HOKE ET AL.			

FOREIGN PATENT DOCUMENTS

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0 525 881 A	02/1993	EP			
90 15796 A	12/1990	WO			
0 045 258 A	02/1982	EP			
2 249 790A	05/1992	GB			
0 285 834 A!	10/1988	EP			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Database Chemical Abstract Online, Columbus, Ohio; Abstract No. 112:97989; 9 July 1989, GEDRIDGE, R et al.; "NEW ORGANOTELLURIUM PRECURSORS FOR THE PYROLYTIC AND PHOTOLYTIC DEPOSITION OF MERCURY CADMIUM TELLURIDE", XP002153037
	J.E. HAILS et al; "METHYL(ALLYL)TELLURIDE AS A Te PRECURSOR FOR GROWTH OF (Hg,Cd) Te BY METAL ORGANIC VAPOUR PHASE EPITAXY", Journal of Crystal Growth, vol. 145, no. 1-4, December 1994, pages 596-601, XP002153036.
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	Patent Abstract of Japan, vol. 012, no. 072 (E-588), 5 march 1988 & JP 62 214626 A, 21 September 1987
	HAILS et al; "ALLYL-ISO-PROPYLTELURIDE, A NEW MOVPE PRECURSOR FOR CdTe, HgTe AND (HgCd)Te"; Journal of Crystal Growth, North-Holland Publishing Co. Amsterdam, NL, vol. 214-215, June 2000, pages 45-49, XP004200961
	GEDRIDGE, R. et al; " ¹²⁵ Te, ¹³ C AND ¹ H NMR CHARACTERIZATION OF A SERIES OF DIORGANOTELLURIUM (II) AND TETRAORGANOTELLURIUM (IV) COMPOUNDS", Magnetic Resonance In Chemistry, vol. 33, 1995, pages 441-448
	KIRSS et al; "LIGAND-EXCHANGE REACTIONS IN ORGANOTELLURIDES BY ¹²⁵ Te NMR SPECTROSCOPY", American Chemical Society, Organometallics 1991, 10, 3597-3599
	GEDRIDGE et al; "NEW ORGANOTELLURIUM PRECURSORS FOR THE PYROLYTIC AND PHOTOLYTIC DEPOSITION OF Hg _{1-x} Cd _x Te", Mat. Res. Soc. Symp. Proc., vol 131, 1989, pages 69-73.
	HAILS et al; "A CHEMICAL ASSESSMENT OF THE SUITABILITY OF ALLYL-ISO-PROPYLTELURIDE AS A Te PRECURSOR FOR METAL ORGANIC VAPOUR PHASE EPITAXY"; School of Chemistry, University of St. Andrews, UK, page 1-15 (including figures),
*Examiner	Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.